Empisal

SUPERMATIC

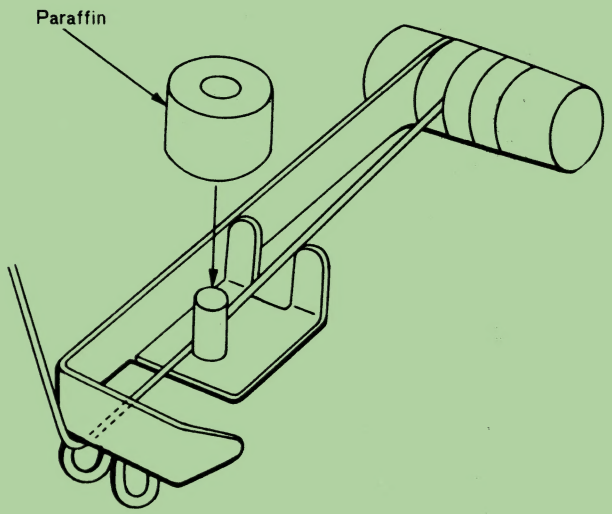
Knitting Lace Patterns using L-Carriage

Please follow these instructions carefully:

A. Move the lace carriage **slowly** and steady in operation.

B. Co not move the lace carriage whenever more than **two** needles which are next to each other are selected to position "B" – otherwise needles will break.

C. At any time before operating the lace carriage make sure that both end needles of the knitting width are in position "B" otherwise the stitch of the end needle will be dropped.



In your accessory box is a small plastic container with a stud of paraffin inside:

When you use yarn for lace making fit paraffin stud on front yarn guide. This will facilitate smooth flow of yarn, make your knitting easier.

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2/52 Rosmore Cres
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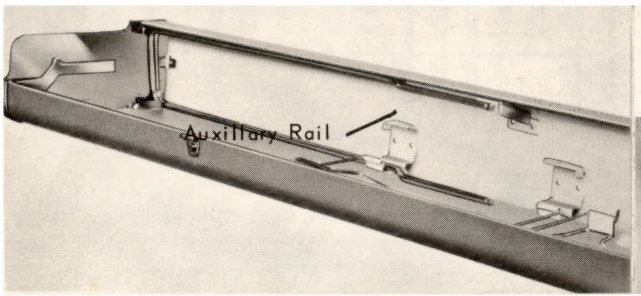
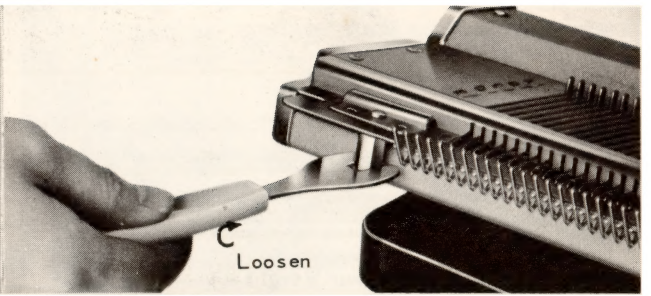
Phone 759 - 4734

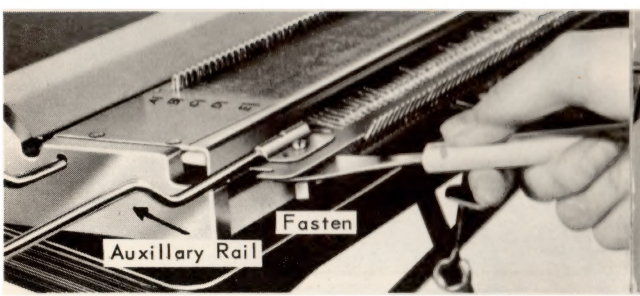
1. Preparing to knit



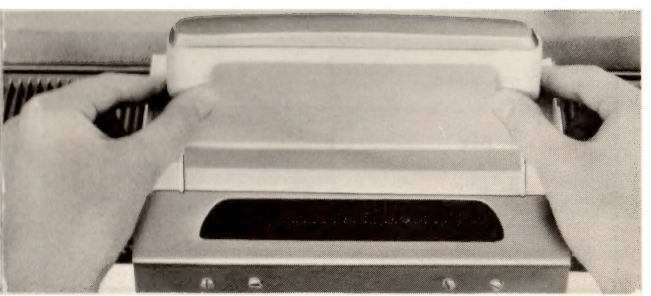
(1) Remove the auxilliary rail from the carrying case.



(2) Loosen the auxilliary rail nut with setlever.

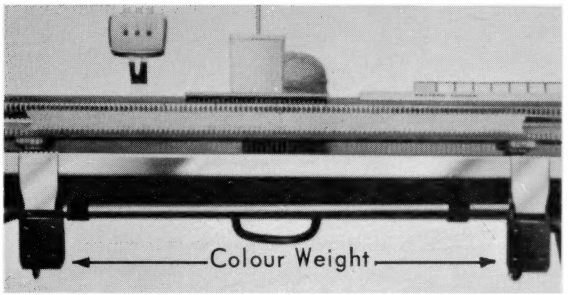


(3) Insert the auxilliary rail into the hole (A) and under the auxilliary rail fastener (B) on the end of knitting machine. Fasten the auxilliary rail.



(4) Fasten the handle on the L carriage.

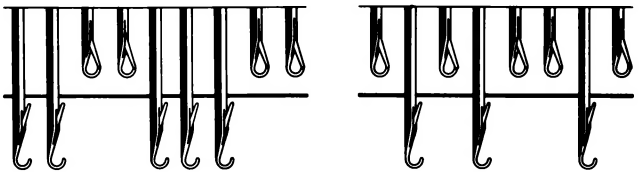
2. How to use the L carriage



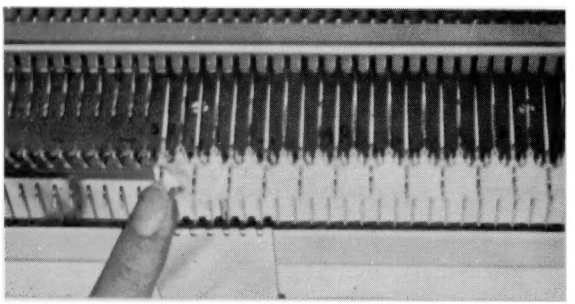
(1) Knit several rows in plain knitting, hang the color weight on the cast-on comb.

Yarn used	Tension Dial
2 ply	4
4 ply	5
Cottons and synthetics.	6

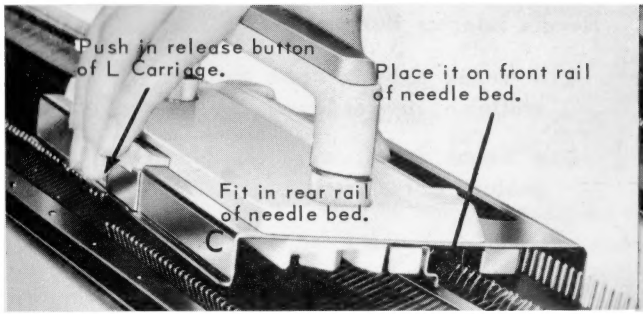
(2) Set the tension dial as shown in the above table.



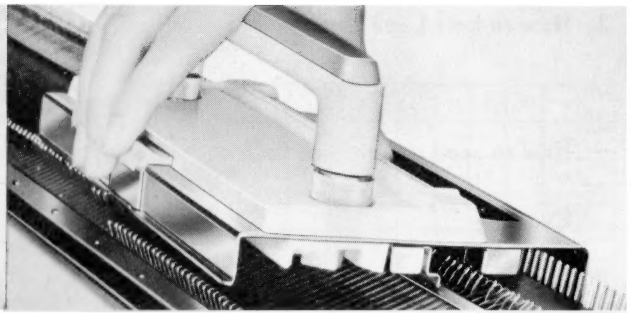
(3) Swivel the set lever and select the needles. When the needles are selected together with adjacent needle, you can not knit. Therefore, make sure **not to move** the L carriage.



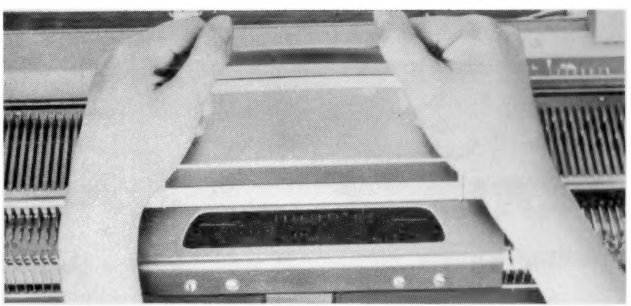
*In case of the endmost needle is selected, push it back with your finger.



(4) Set the L carriage and make sure the rear side of L carriage fits in the back rail of needle bed.



(5) Move the L carriage slowly.



(6) Knit with the carriage.

To unlock the L Carriage

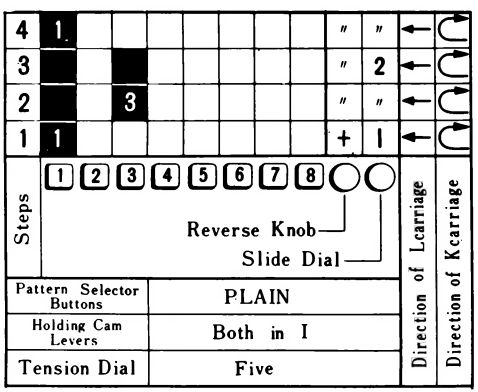
(1) Push in the release button of the L carriage.
(2) Lift the rear of it and pull it toward you.

If the L carriage is jammed see Page L10

3. How to knit Lace Pattern

How to read the pattern knitting table

Example



Steps:

Operate the knitter in numerical order.

The required operation is shown in the lateral row of each step.

Needle Selector Buttons:

a) ■ means pushing down button "1" and operation of the set lever.

b) ■ means operation of the set lever without pushing down button.

Slide dial:

Turn the slide dial before operating the set lever and set the slide indicator.

Direction of the L carriage:

Move the L carriage according to the direction of arrow.

← one row

Direction of the K carriage

Move the K carriage according to the direction of the arrow.

↶ two rows

*Always operate the L carriage before operating the K carriage.

*Place the K carriage at first on the right side of the needle bed.

*Set the reverse knob to position "+".

Lace Pattern (1)

This is the most basic lace pattern.

Step 1:

Push down needle selector buttons [1] and [5] and swivel set lever.

It is not necessary to reset the slide dial. (If the end needles are out to position "D", push them back with fingers.)

Move the L carriage slowly from right to left. (If the L carriage is jammed on the way, see page L10

Knit two rows by the K carriage.

Step 2:

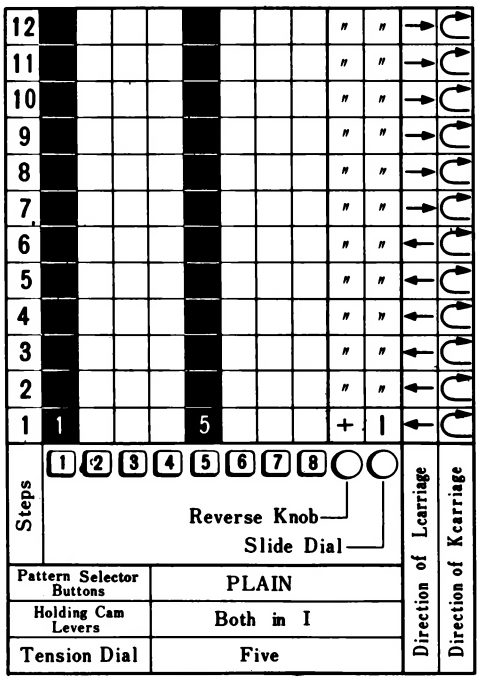
Repeat Step 1. five times

Step 7:

Swivel the set lever.

Move the L carriage from left to right.

Knit two rows by the K carriage.



Step 8:

Repeat step 7 five times.

Lace pattern (2)

12					5				〃	〃	←		
11			3						〃	〃	→		
10						6			〃	〃	←		
9		2							〃	〃	→		
8							7		〃	〃	←		
7	■								〃	〃	→		
6	1.								〃	〃	←		
5							7		〃	〃	→		
4		2							〃	〃	←		
3						6			〃	〃	→		
2			3						〃	〃	←		
1					5				+	I	→		
Steps	1	2	3	4	5	6	7	8	○	○			

Reverse Knob

Slide Dial

Pattern Selector Buttons	PLAIN	Direction of Lcarriage	Direction of Kcarriage
Holding Cam Levers	Both in I		
Tension Dial	Five		

Lace pattern (3)

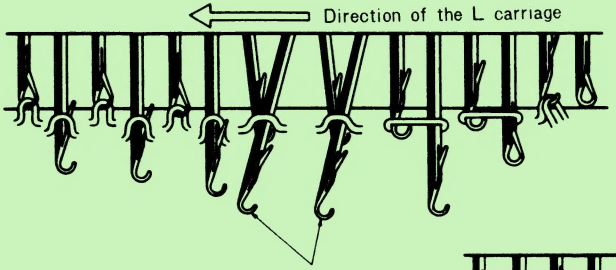
12					5				〃	〃	←	↷
11	1								〃	〃	→	
10					5				〃	〃	←	↷
9	1								〃	〃	→	
8					5				〃	〃	←	↷
7	1								〃	〃	→	
6		2							〃	〃	←	↷
5				4					〃	〃	→	
4		2							〃	〃	←	↷
3				4					〃	〃	→	
2		2							〃	〃	←	↷
1				4					+	I	→	
Steps	1	2	3	4	5	6	7	8	Reverse Knob	Slide Dial	Direction of Lcarriage	Direction of Kcarriage
Pattern Selector Buttons	PLAIN											
Holding Cam Levers	Both in I											
Tension Dial	Five											

Lace pattern (4)

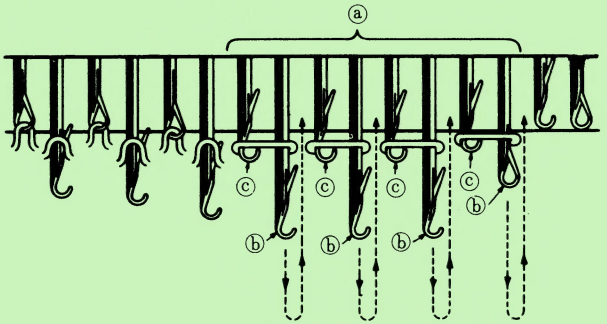
6	■				■				〃	4	→	↷
5	■				■				〃	3	←	↷
4	■				■				〃	1	→	
3	■				■				〃	2	←	↷
2	■				■				〃	3	←	↷
1	1				5				+	1	→	
Steps	1	2	3	4	5	6	7	8	Reverse Knob	Slide Dial	Direction of Lcarriage	Direction of Kcarriage
Pattern Selector Buttons	PLAIN											
Holding Cam Levers	Both in I											
Tension Dial	Five											

When the L carriage is jammed

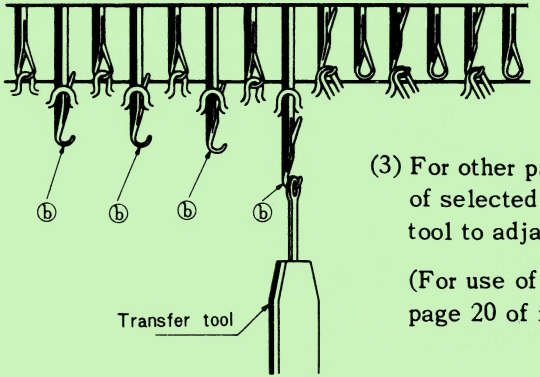
* Remove the L carriage from its jammed position.
* If the L carriage is caught with needles, take sufficient care in removing it.
* After removing the L carriage, you can knit according to following steps.



(1) If you see needles caught with each other, separate them by lifting their tips.



(2) If stitches are caught on two needles as shown by a in above figure, pull selected needles b toward you and push them back together with needles c to position "B" in order to transfer the stitches.



(3) For other part, transfer the stitch of selected needles b with transfer tool to adjacent needle.

(For use of transfer tool see page 20 of instruction book)

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